care worker assist to assure the heparin is prepared for use in a sterile manner on the tray prior to access.

[0018] Variations in contents can be made, if necessary. A kit **10** could function for the purpose of lab draws and port flushing only by not providing the steri strips and Tegaderm/occlusive dressing. Other variations would include additional components for servicing a double lumen port. Such additional components might include an additional three steri strips, additional 2"×2" split sponges, an additional injection cap, additional syringes (one each of those enumerated above), and an additional or larger size Tegaderm dressing.

[0019] In use, the health care practitioner maintains a sterile field by opening the blue CSR wrap and then places an appropriate packaged sterile sized needle for access onto the CSR (sterile field). The health care practitioner will then put on the mask and sterile gloves. The 10 ml syringe with 5 mls of saline will be used to flush the needle and attached tubing. The 10 ml syringe with 10 mls of saline will be attached to the injection cap and flushed with a small quantity of saline. All the supplies in the tray will be assembled for easy reach on the CSR sterile field for the health care practitioner.

[0020] The area over the implanted central line/Mediport is cleansed with Chloraprep Onestep for 30 seconds and allowed to air dry. A 4×4 is opened and placed just below the area cleansed to act as a sterile site to rest tubing if needed. The needle is then used to access the port. The partially filled syringe of saline is still attached and drawn back to the 10 ml mark. This is the discard sample of blood, as it is mixed with the previous flush that has been sitting in the line between uses. Place the syringe in the tray for discard.

[0021] The empty syringe is attached next, making sure to expel all air from the syringe before attaching and clamping the tubing between each change of syringes. Draw the required blood sample and place the syringe on a corner of the sterile field. Attach the 10 ml saline syringe connected to the injection cap and flush tubing. There should be little to no resistance met. Cleanse the injection cap and administer a second 10 ml saline flush as required per protocol when indicated for the Mediport and administer appropriate dose of heparin flush to the patient. The 2×2 split sponge may be placed under/around the needle device as a cushion and steri strips applied over the sponges and needle in a crisscross fashion to secure the needle.

[0022] The Tegaderm/occlusive dressing is then applied over the needle, 2×2 and steri strips. This acts as a barrier against potential organisms entering the site of access to the patient. The syringe holding the blood sample should now be attached to the blood transfer device and placed in the required lab collection tubes. The waste supplies may then be disposed of in a sanitary manner. It will be noted that the tubing is clamped between each change of syringe.

[0023] It will be seen that the kit elements cooperate to provide for sterile vascular access to the Mediport. It is to be understood that the present invention is not limited to the embodiments described above, but encompasses any and all embodiments within the scope of the following claims.

I claim:

1. A sterile vascular access kit, comprising:
a storage tray;
means housed in the storage tray for performing a sterile vascular access procedure; and
a blue CSR wrap enclosing the storage tray and the means for performing the sterile vascular access procedure.

2. The sterile vascular access kit according to claim **1**, further comprising sealing material further enclosing said sterile vascular access kit.

3. A sterile vascular access kit, comprising:
a storage tray;
means housed in the storage tray for performing a sterile vascular access procedure
a blue CSR wrap enclosing the storage tray and the means for performing the sterile vascular access procedure; and
a fluid-impervious sealing material further enclosing the sterile vascular access kit.

4. The sterile vascular access kit according to claim **3**, wherein said means for performing a sterile vascular access procedure comprises:
a facemask and sterile gloves adapted to be donned by a health care practitioner;
a sealed Tegaderm™ dressing;
a sealed ChloraPrep Onestep;
a plurality of non-woven, split sponges;
a needleless fluid transfer device;
a plurality of non-woven cover sponges;
a plurality of steri strips;
a needleless injection cap;
a plurality of alcohol prep pads; and
a plurality of syringes.

5. The sterile vascular access kit according to claim **4**, wherein at least two of said plurality of syringes, respectively contain 10 ml of normal saline solution and one of said syringes contains 5 ml of normal saline solution.

6. The sterile vascular access kit according to claim **4**, wherein at least one of said plurality of syringes is empty.

7. The sterile vascular access kit according to claim **4**, wherein at least one of said plurality of syringes contains an anticoagulant.

8. A sterile vascular access kit, comprising:
a storage tray;
means housed in the storage tray for performing a sterile vascular access procedure, the means including;
a facemask and sterile gloves adapted to be donned by a health care practitioner;
a sealed Tegaderm™ dressing;
a sealed ChloraPrep Onestep;
a plurality of non-woven, split sponges;
a needleless fluid transfer device;
a plurality of non-woven cover sponges;
a plurality of steri strips;
a needleless injection cap;
a plurality of alcohol prep pads; and
at least five syringes;
a blue CSR wrap enclosing the storage tray and the means for performing the sterile vascular access procedure; and
a fluid-impervious sealing material further enclosing the sterile vascular access kit.

9. The sterile vascular access kit according to claim **8**, wherein at least two of said at least five syringes, respectively contain 10 ml of normal saline solution and one of said at least five syringes contain 5 ml of normal saline solution.

10. The sterile vascular access kit according to claim **9**, wherein at least one of said at least five syringes is empty.

11. The sterile vascular access kit according to claim **10**, wherein at least one of said at least five syringes contains an anticoagulant.

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